

## Diagrams

Figure 1

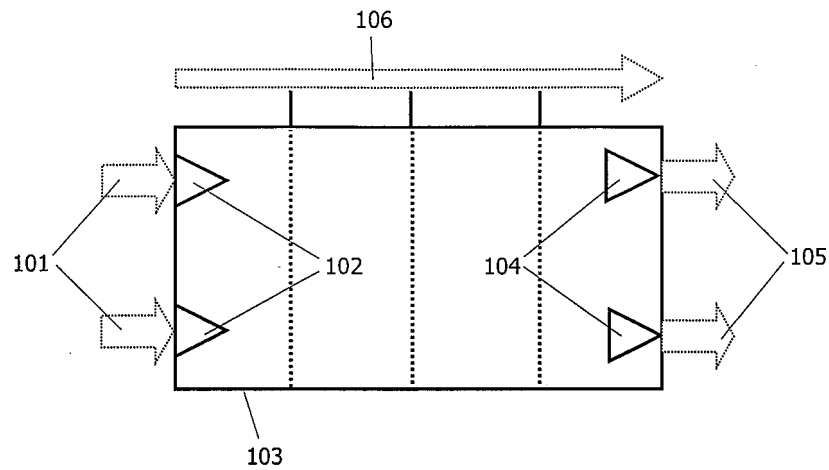


Figure 2

```

unsigned count_bits(unsigned x) {
    int i, count;

    count = 0;
    for (i = 0; i < 32; i++) {
        if (x & (1 << i)) count++;
    }
    return count;
}

```

} 201

```

function() {
    ...
    count = count_bits(sample);
    ...
}

```

} 202

Figure 3

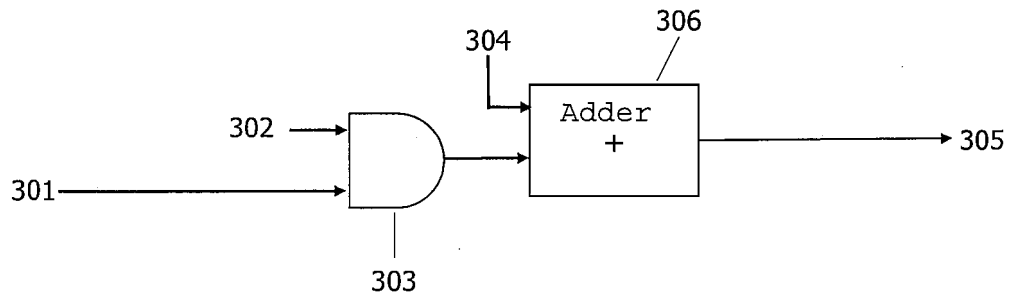


Figure 4

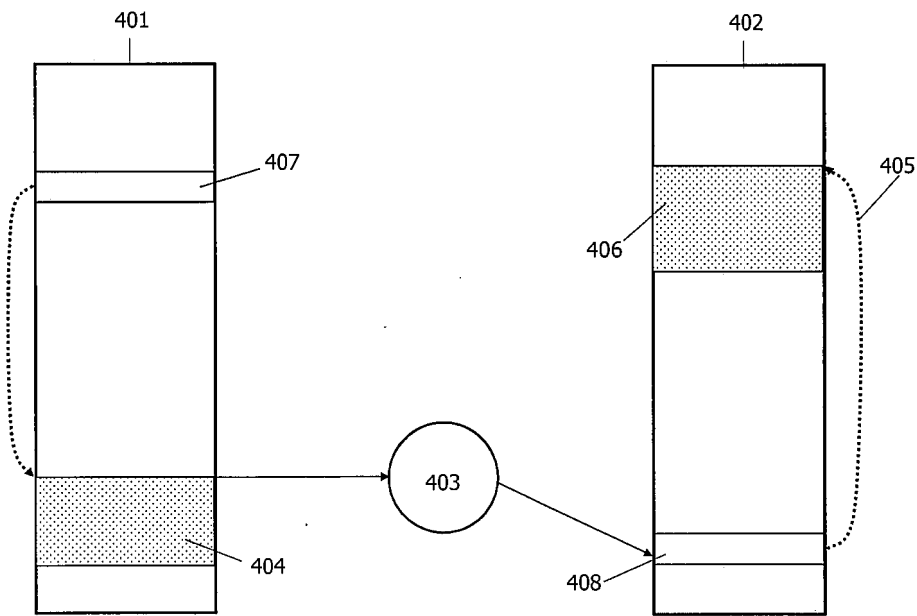


Figure 5

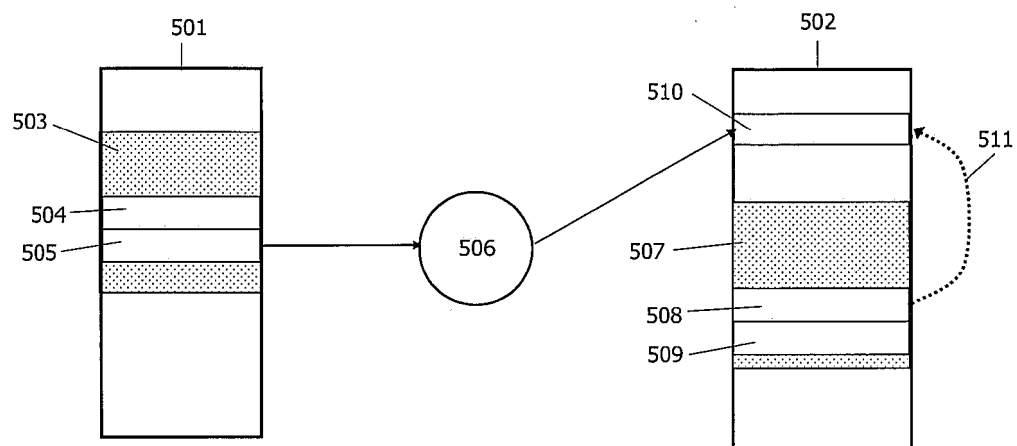


Figure 6

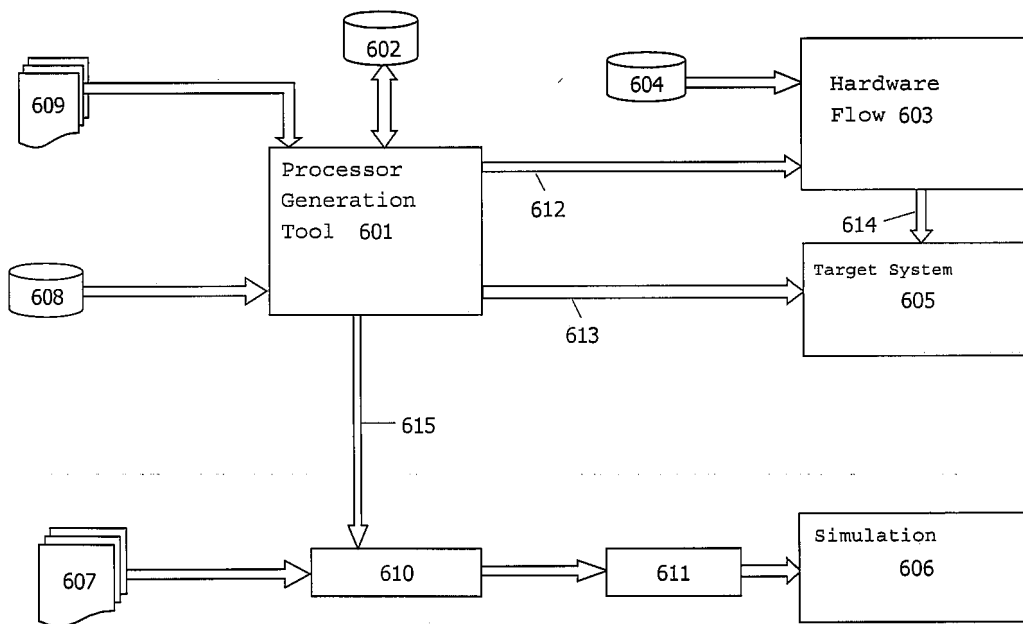


Figure 7

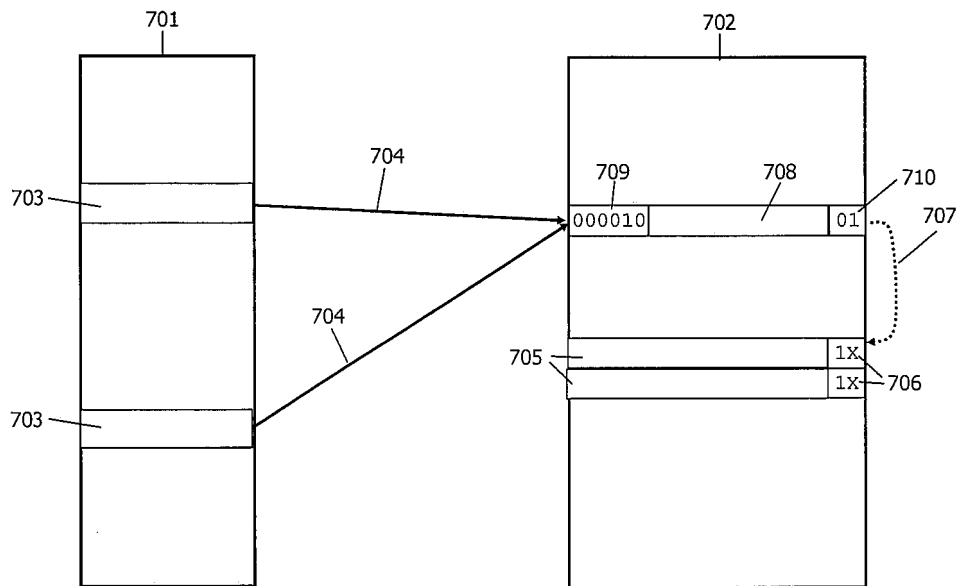


Figure 8

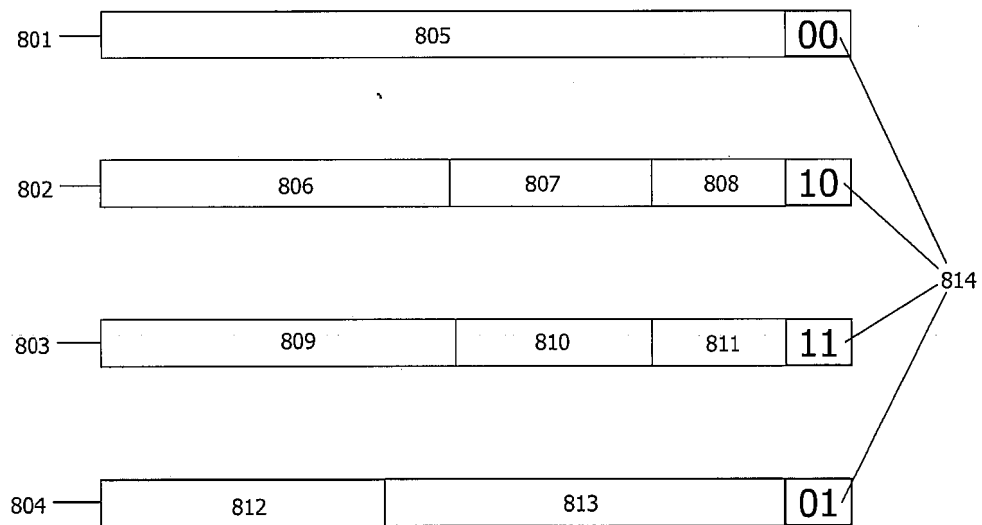


Figure 9

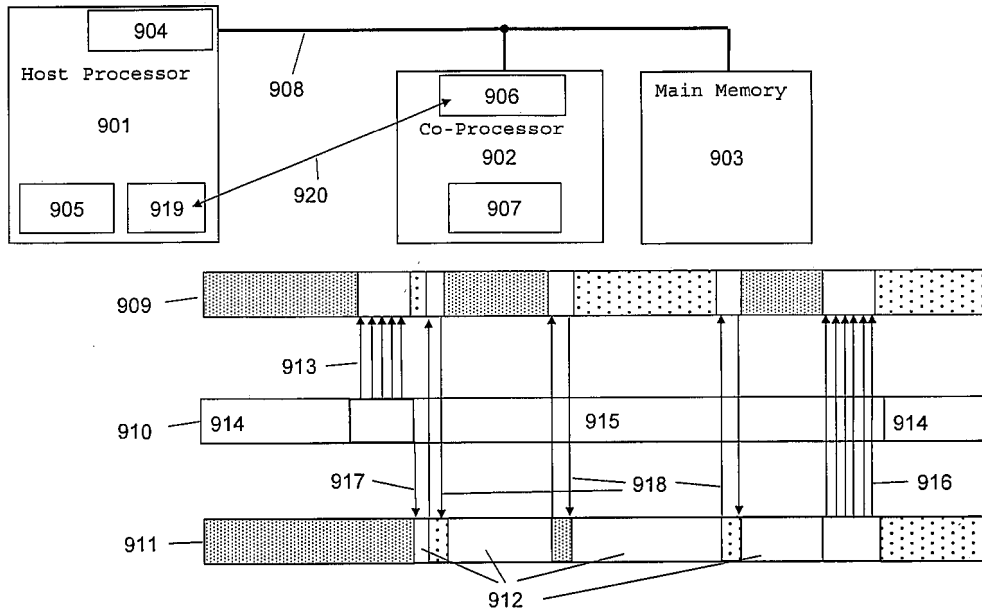


Figure 10

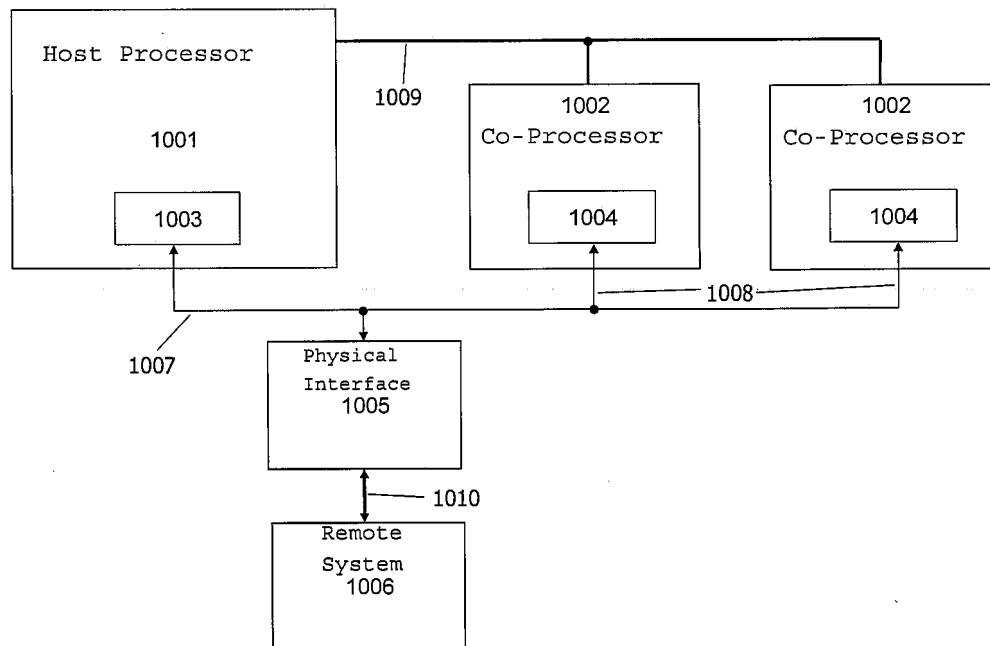


Figure 11

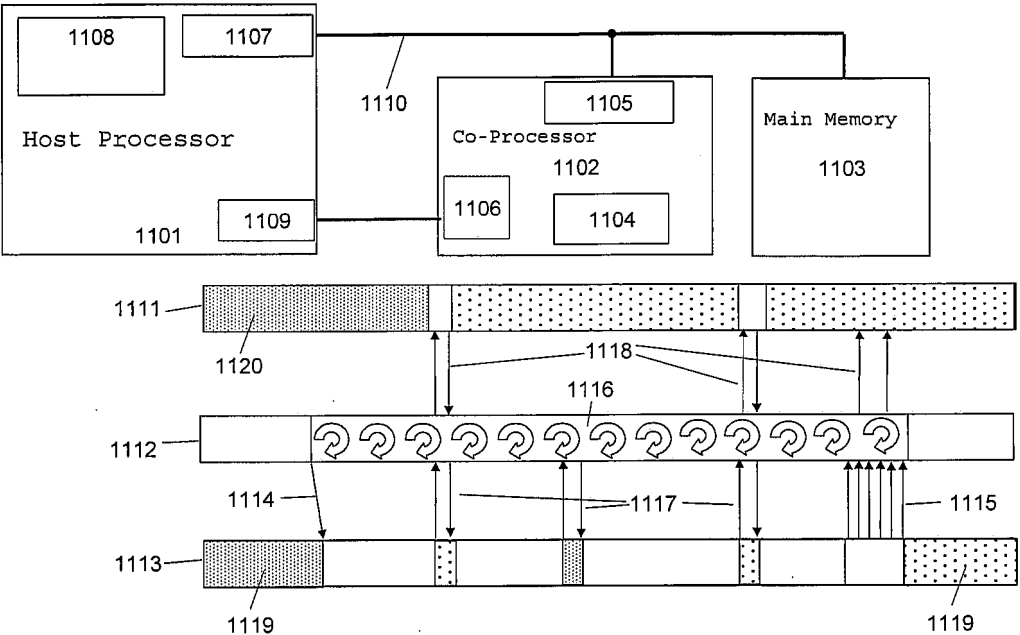


Figure 12

